Louisiana Coastal Area Water Resources Development Act of 2007

National Conference on Ecosystem Restoration Baltimore, Maryland August 2011

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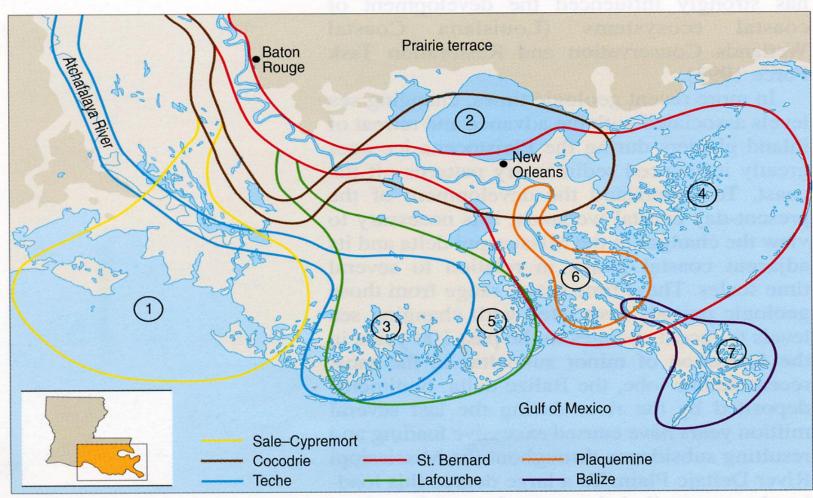




Mississippi River Drainage Basin



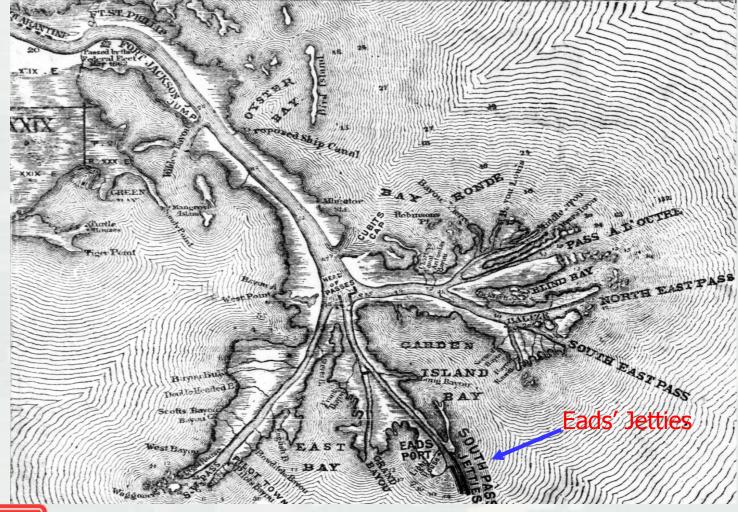
The Delta System



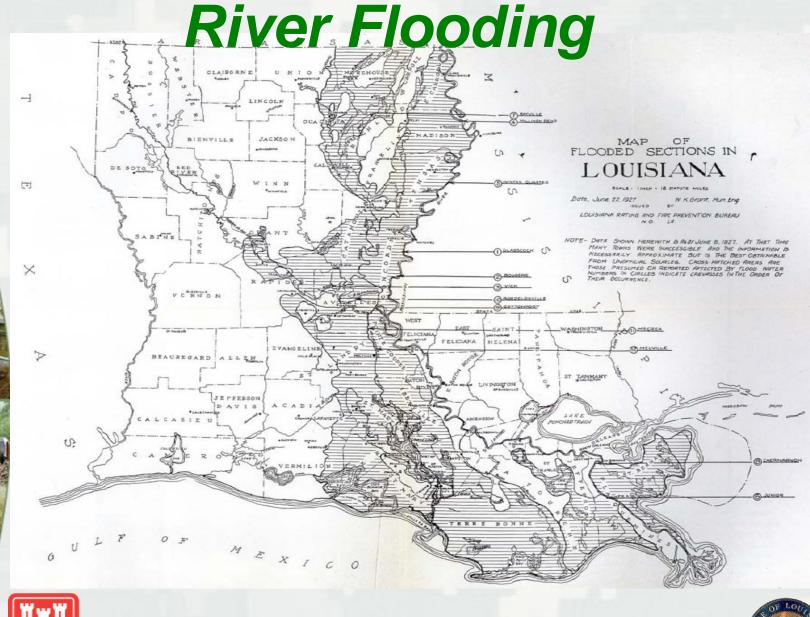




Mississippi River Navigation

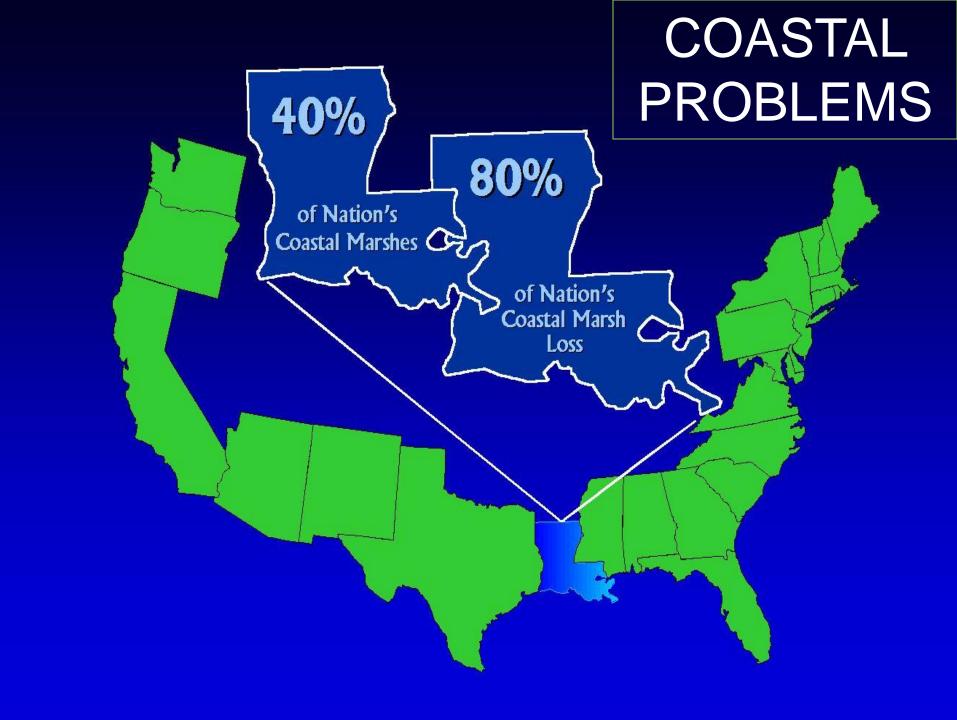






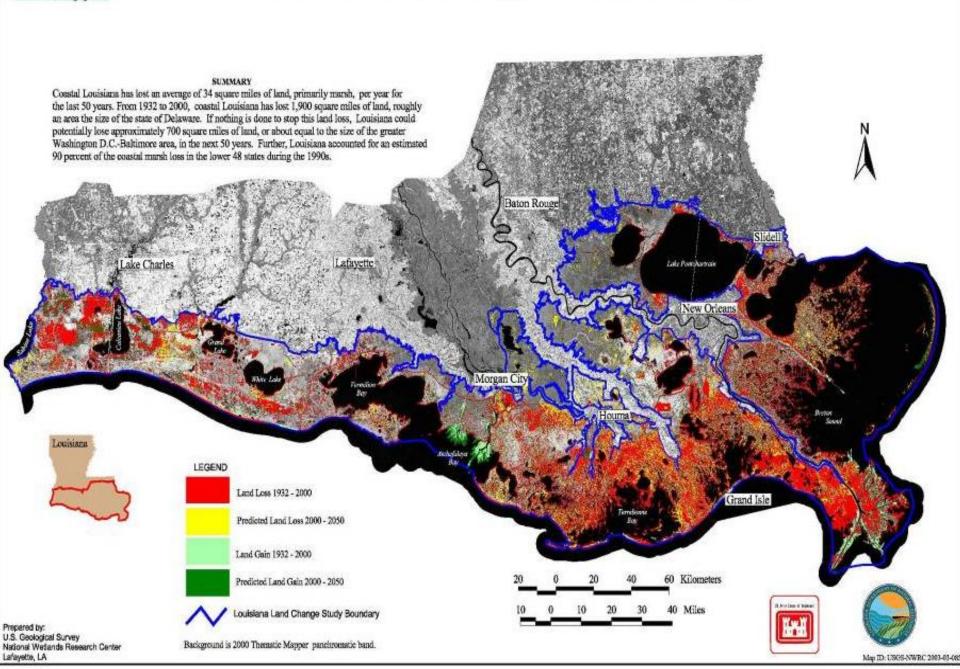








100+ Years of Land Change for Coastal Louisiana



Empire Jetties



Barrier Island Degradation



Major Causes Of Wetland Loss



Subsidence

Storms





Sea Level Rise

Sediment Reduction

Salt Water Intrusion





Levee System

Oil & Gas Development

Resources at Risk

Fisheries

- ▶ 20% of US commercial harvest
- Over one billion pounds landed annually
- World class recreational fishery

Energy Production

- ▶ 27% of domestic offshore crude oil supply
- ▶ 32% of domestic offshore natural gas
- ► LOOP facility connected to 50% of refineries

Ports and Shipping

- Rank #1 nationally by tonnage
- Lower Mississippi River is largest port complex in the world

Wildlife and Waterfowl

- Habitat for over 5 million migratory waterfowl
- ▶ 70% of Mississippi Flyway waterfowl population





Louisiana Coastal Area 1967 Authority

Review reports of the Chief of Engineers on various
Louisiana waterways with a view to determining the
advisability of improvements or modifications to existing
improvements in the coastal area of Louisiana in the
interest of hurricane protection, prevention of saltwater
intrusion, preservation of fish and wildlife, prevention of
erosion, and related water resource purposes."





LCA Chronology

1998	Coast 2050 Plan completed under Coastal Wetlands Planning, Protection & Restoration Act (CWPPRA)
1999	Coast 2050 Plan adopted as 905b report to start Louisiana Coastal Area (LCA) feasibility study
2001	LCA feasibility study approach modified to consider comprehensive coast- wide restoration plan
2004	Administration provides guidance to shift focus to identify a "Near-term" LCA restoration plan
2004	Final LCA plan report recommends 15 critical near-term projects – 5 for conditional authorization & 10 for further study prior to authorization
2005	LCA Chief of Engineers Report signed on January 2005
2007	Water Resources Development Act (WRDA) of 2007 conditionally authorizes all 15 critical near-term projects in three groups of 5, 6, & 4 subject to varying report requirements and deadlines
2008	Feasibility cost share agreement signed with State of Louisiana for LCA WRDA Section 7006(e)(3) study
2011	LCA WRDA Section 7006(e)(3) report submission



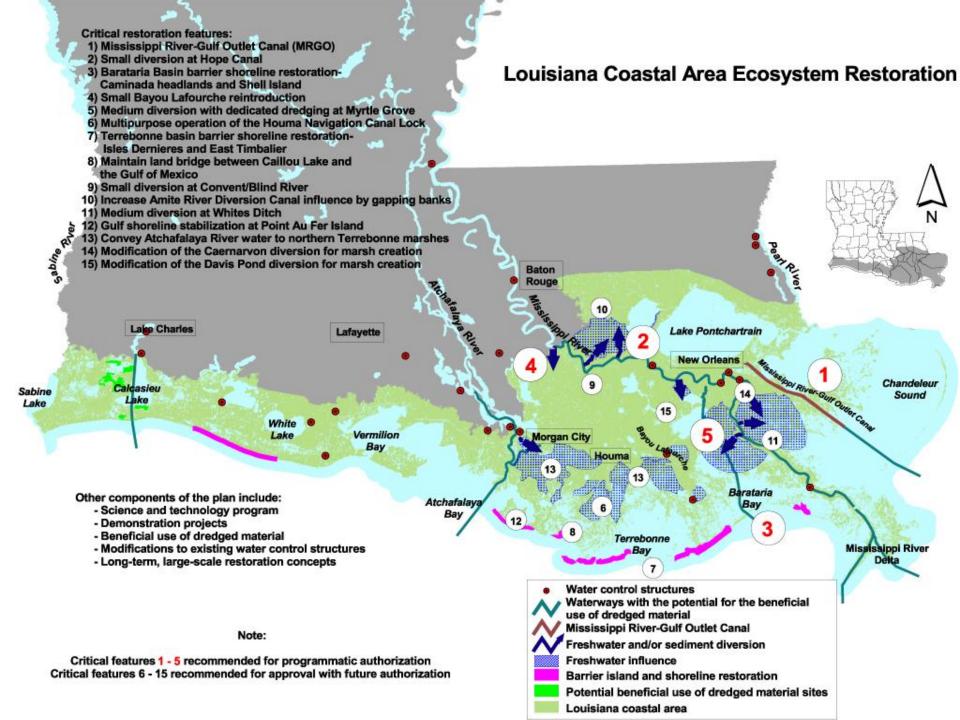


Louisiana Coastal Area 2007 Authority

- Chief of Engineers report completed in January 2005
 - Near-term Ecosystem Restoration Plan recommended
- Water Resources Development Act of 2007 authority
 - ▶ 5 construction projects
 - ▶ 10 feasibility studies
 - Beneficial use of dredged material program
 - Science and Technology program
 - ▶ 6 other major investigations
- Program implementation underway since 2008
 - ▶ 7 reports completed with construction recommendations
 - ▶ 7 feasibility studies or construction reports in progress
 - ▶ 6 projects ready for design phase







Additional Information

http://www.mvn.usace.army.mil/

http://www.lca.gov/



